

1955
BRISTOL LABORATORIES
INCORPORATED
SYRACUSE 1, NEW YORK

February 18, 1955

Dr. Joshua Lederberg
Department of Genetics
College of Agriculture
The University of Wisconsin
Madison 6, Wisconsin

Dear Josh:

I talked over the consultantship arrangements with Doctor Amel R. Menotti, our Director of Research, and he was agreeable to our trying it out. I am therefore listing the conditions as I understand them. If any of these are not part of your understanding then we can, I am sure, work them out.

1. The consultantship will be tried for a period of one year with no obligation on your part or our part to continue it beyond that point.
2. We are setting aside a sum of \$2000 to be used for this purpose within this period. Payments will be on a per diem basis, the rate being \$100 per day. You will indicate to us the time spent each month and we will pay accordingly. An alternative schedule of payments in which you will be mailed a check for \$167 per month and do an amount of work commensurate with this amount would also be acceptable to us.
3. The consultantship will be on an exclusive basis. We would have to agree before you would consult with a competing pharmaceutical firm.
4. Information obtained from us, unless specifically released, would be confidential.
5. The consultation will not include the area of recombination in Actinomycetes until your laboratory makes public your results through publication.
6. The consultantship will start during the month that you will visit with us. You will not be expected to make subsequent visits unless we mutually agree it would be most useful.

Many of these points are similar to those covered in your letter. If there are any pertinent omissions or corrections to be made, then let me know about them.

We are going to get in touch with Miss Lively. I hope we can get her to come here for she could certainly help us a great deal.

I checked with Dr. Jay Tepperman of the State Medical School here about drug tolerance in mammals. He is interested in the field of adaptation in mammalian systems and, in fact, is going to present a review at the Federation Meetings comparing

To: Dr. J. Lederberg

- 2 -

February 18, 1955

adaptation in mammalian cells with that occurring in bacteria. He said the literature is very bad in the field and knows of no review articles. He gave me the following references in which you might be interested:

W. E. Knox, Brit. J. Exp. Path. 32:462, 1951

Davies and Yudkin, Biochem. J. 52:407, 1952

Leloir and Munoz, Biochem. J. 32:299, 1938

Tepperman, J., J. Pharm. & Exp. Ther. 88:287, 1946
(see figure 8 especially)

In addition there are some well known examples of short term adaptations such as the Staub-Traugott effect relating to glucose levels in blood following successive treatments with glucose. This is described in mammalian physiological texts in sections on glucose levels of blood.

Jay is a very thorough, scholarly and capable person and if you are interested in pursuing this further I would suggest you write directly to him. He has done much thinking in this area and I am sure you would find his views interesting. His address is:

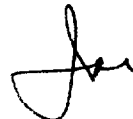
Dr. Jay Tepperman
New York State College of Medicine
Syracuse, New York

We don't have Edison Voicewriters here but do have Sound Scribes. I am now looking into a Voicewriter and this should not be a problem.

I hope that this letter meets the conditions necessary to start us in a consultantship arrangement. We are looking forward to talking over our problems with you and having you evaluate various aspects of our programs. It will, I am sure, be interesting to both parties.

Sincerely yours,

BRISTOL LABORATORIES INC.



Joseph Lein, Director
Microbiological Research

JL:mjl